

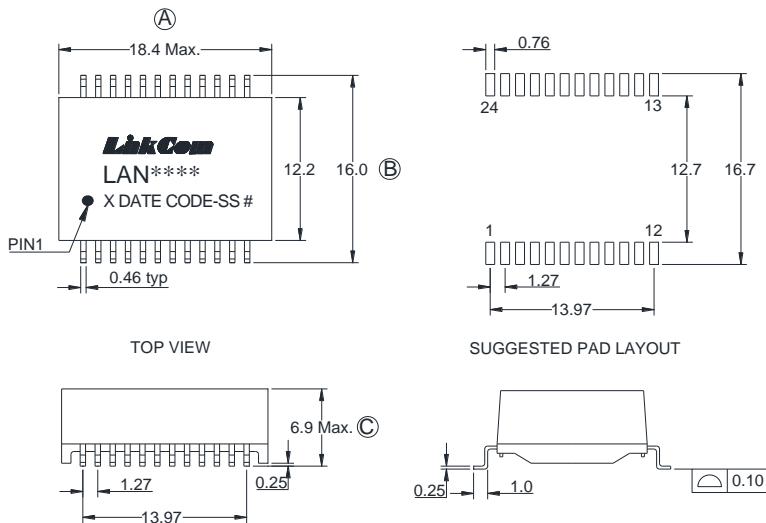
**10/100/1000BASE-T Magnetics Module**

- Meets IEEE 802.3bt ,4PPoE, standard
- RoHS Compliant
- Single port configuration
- Suitable for End-span PoE application with 1A current capability
- Operating Temperature: -40°C~+85°C

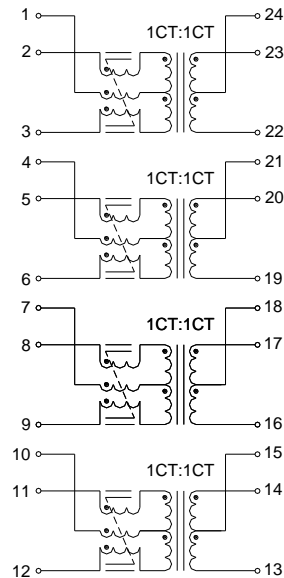
Electrical Specifications @25°C			
OCL:	350uH Min. @100KHz/0.1V with 8mA DC Bias 300uH Min. @100KHz/0.1V with 24mA DC Bias(-40°C~+85°C)		
Hi-POT :	1500Vrms.		
Turn Ratio:	1CT:1CT±3%		
Insertion Loss:	-1.5dB Max.@1-100MHz		
Return Loss:	1-40MHz	60-80MHz	100MHz
	-16dB Min	-10dB Min	-8dB Min
Cross Talk :	-28dB Min@1MHz-100MHz		
D.C.M.R.	-20dB Min@1MHz-100MHz		

**Dimensions**

(Units: mm, Unless otherwise specified, all tolerances are ±0.25)



**Schematic**



**Mark**

1. .LAN\*\*\*\*----LAN5241
2. X----PRODUCT LINE or BLANK
3. DATE CODE----YYWW
4. SS----97 or BLANK
5. #----G means RoHS

**Package info**

LAN5241-97R—Tape Reel